

1FWO

# CRF Errors Edited by the STIC Systems Branch

Serial Number: 10/773,678

CRF Edit Date: 10/8/04  
Edited by: [Signature]

Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

**ENTERED**

\_\_\_ Corrected the SEQ ID NO. Sequence numbers edited were:

\_\_\_\_\_

\_\_\_ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

\_\_\_\_\_

\_\_\_ Deleted: \_\_\_ invalid beginning/end-of-file text ; \_\_\_ page numbers

\_\_\_ Inserted mandatory headings/numeric identifiers, specifically:

\_\_\_\_\_

\_\_\_ Moved responses to same line as heading/numeric identifier, specifically:

\_\_\_\_\_

\_\_\_ Other:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



IFWO

## RAW SEQUENCE LISTING

DATE: 10/08/2004

PATENT APPLICATION: US/10/773,678

TIME: 15:43:07

Input Set : A:\PTO.KD.txt

Output Set: N:\CRF4\10082004\J773678.raw

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3 <110> APPLICANT: Karras, James G
5 <120> TITLE OF INVENTION: Antisense Oligonucleotide Modulation of STAT3
6 Expression
8 <130> FILE REFERENCE: ISPH-0828
--> 10 <140> CURRENT APPLICATION NUMBER: US/10/773,678
--> 11 <141> CURRENT FILING DATE: 2004-02-06
13 <150> PRIOR APPLICATION NUMBER: 10/713,139
14 <151> PRIOR FILING DATE: 2003-11-14
16 <150> PRIOR APPLICATION NUMBER: 09/758,881
17 <151> PRIOR FILING DATE: 2001-01-11
19 <150> PRIOR APPLICATION NUMBER: PCT/US00/09054
20 <151> PRIOR FILING DATE: 2000-04-06
22 <150> PRIOR APPLICATION NUMBER: 09/288,461
23 <151> PRIOR FILING DATE: 1999-04-08
25 <160> NUMBER OF SEQ ID NOS: 402
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30 <211> LENGTH: 2787
31 <212> TYPE: DNA
32 <213> ORGANISM: Homo sapiens
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37 cccctcggc tcggagaggc ccttcggcct gagggagcct cgccgcccgt ccccgccaca 180
38 cgcgcagccc cggcctctcg gcctctgccg gagaaacagg atggcccaat ggaatcagct 240
39 acagcagctt gacacacggt acctggagca gctccatcag ctctacagtg acagcttccc 300
40 aatggagctg cggcagtttc tggccccttg gattgagagt caagattggg catatgcggc 360
41 cagcaaagaa tcacatgcca ctttggtgtt tcataatctc ctgggagaga ttgaccagca 420
42 gtatagccgc ttcttgcaag agtcgaatgt tctctatcag cacaatctac gaagaatcaa 480
43 gcagtttctt cagagcaggt atcttgagaa gccaatggag attgcccggg ttgtggcccg 540
44 gtgcctgttg gaagaatcac gccttctaca gactgcagcc actgcggccc agcaaggggg 600
45 ccaggccaac caccacacag cagccgtggt gacggagaag cagcagatgc tggagcagca 660
46 ccttcaggat gtccggaaga gagtgcagga tctagaacag aaaatgaaag tggtagagaa 720
47 tctccaggat gactttgatt tcaactataa aaccctcaag agtcaaggag acatgcaaga 780
48 tctgaatgga aacaaccagt cagtgaccag gcagaagatg cagcagctgg aacagatgct 840
49 cactgcgctg gaccagatgc ggagaagcat cgtgagttag ctggcggggc ttttgtcagc 900
50 gatggagtag gtgcagaaaa ctctcacgga cgaggagctg gctgactgga agaggcgga 960
51 acagattgcc tgcattggag gcccgcccaa catctgccta gatcggttag aaaactggat 1020
52 aacgtcatta gcagaatctc aacttcagac ccgtcaacaa attaagaaac tggaggagtt 1080
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54 gaggatcggt gagctgttca gaaacttaat gaaaagtgcc tttgtggtgg agcggcagcc 1200
55 ctgcatgccc atgcatcctg accggcccct cgatcatcaag accggcgctc agttcactac 1260
56 taaagtcagg ttgctggtca agttccctga gttgaattat cagcttaaaa ttaaagtgtg 1320

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DATE: 10/08/2004

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Input Set : A:\PTO.KD.txt

Output Set: N:\CRF4\10082004\J773678.raw

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57 cattgacaaa gactctgggg acgttgcagc tctcagagga tcccggaaat ttaacattct 1380
58 gggcacaaac acaaaagtga tgaacatgga agaatccaac aacggcagcc tctctgcaga 1440
59 attcaaacac ttgacctga gggagcagag atgtgggaat gggggccgag ccaattgtga 1500
60 tgcttccttg attgtgactg aggagctgca cctgatcacc tttagaccg aggtgtatca 1560
61 ccaaggtctc aagattgacc tagagaccca ctcttgtca gtgtgtgtga tctccaacat 1620
62 ctgtcagatg ccaaatgcct gggcgcccat cctgtggtac aacatgctga ccaacaatcc 1680
63 caagaatgtg aacttcttca ctaagccgcc aattggaacc tgggaccaag tggccgaggt 1740
64 gctcagctgg cagttctcgt ccaccaccaa gcgggggctg agcatcgagc agctgacaac 1800
65 gctggctgag aagctcctag ggctgggtgt gaactactca ggggtgcaga tcacatgggc 1860
66 taacttctgc aaagaaaaca tggctggcaa gggcttctcc tactgggtct ggctagacaa 1920
67 tatcatcgac ctgtgaaaa agtatatctt ggccttttg aatgaagggt acatcatggg 1980
68 tttcatcagc aaggagcggg agcgggccat cttagcact aagccccag gcaccttct 2040
69 gctgcgcttc agtgaaagca gcaaagaagg aggcgtcact ttacttggg tggagaagga 2100
70 catcagcggg aagacccaga tccagtcctt ggaaccatac acaaagcagc agctgaacaa 2160
71 catgtcatth gctgaaatca tcatgggcta taagatcatg gatgctacca atatcctgtt 2220
72 gtctccactt gtctatctct atcctgacat tcccaggag gaggcattcg ggaagtattg 2280
73 tcggccagag agccaggagc atcctgaagc tgaccaggt agcgtgccc catacctgaa 2340
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76 agcaggaggg cagtttgagt ccctcacctt tgacatggag ttgacctcg agtgcgctac 2520
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78 tgcattctgc caccctcac acagccaaac cccagatcat ctgaaactac taactttgtg 2640
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87 <213> ORGANISM: Artificial Sequence
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92 <400> SEQUENCE: 2
93 gtctgcgccg ccgccccgaa 20
96 <210> SEQ ID NO: 3
97 <211> LENGTH: 20
98 <212> TYPE: DNA
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104 <400> SEQUENCE: 3
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108 <210> SEQ ID NO: 4
109 <211> LENGTH: 20
110 <212> TYPE: DNA
111 <213> ORGANISM: Artificial Sequence
113 <220> FEATURE:
114 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
116 <400> SEQUENCE: 4
117 tcctgtttct ccggcagagg 20

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## RAW SEQUENCE LISTING

DATE: 10/08/2004

PATENT APPLICATION: US/10/773,678

TIME: 15:43:07

Input Set : A:\PTO.KD.txt

Output Set: N:\CRF4\10082004\J773678.raw

120 <210> SEQ ID NO: 5  
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134 <212> TYPE: DNA  
135 <213> ORGANISM: Artificial Sequence  
137 <220> FEATURE:  
138 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
140 <400> SEQUENCE: 6  
141 gccatcctgt ttctccggca 20  
144 <210> SEQ ID NO: 7  
145 <211> LENGTH: 20  
146 <212> TYPE: DNA  
147 <213> ORGANISM: Artificial Sequence  
149 <220> FEATURE:  
150 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
152 <400> SEQUENCE: 7  
153 gggccatcct gtttctccgg 20  
156 <210> SEQ ID NO: 8  
157 <211> LENGTH: 20  
158 <212> TYPE: DNA  
159 <213> ORGANISM: Artificial Sequence  
161 <220> FEATURE:  
162 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
164 <400> SEQUENCE: 8  
165 ttgggccatc ctgtttctcc 20  
168 <210> SEQ ID NO: 9  
169 <211> LENGTH: 20  
170 <212> TYPE: DNA  
171 <213> ORGANISM: Artificial Sequence  
173 <220> FEATURE:  
174 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
176 <400> SEQUENCE: 9  
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180 <210> SEQ ID NO: 10  
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182 <212> TYPE: DNA  
183 <213> ORGANISM: Artificial Sequence  
185 <220> FEATURE:  
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192 <210> SEQ ID NO: 11

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/773,678

DATE: 10/08/2004

TIME: 15:43:07

Input Set : A:\PTO.KD.txt

Output Set: N:\CRF4\10082004\J773678.raw

193 <211> LENGTH: 20  
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207 <213> ORGANISM: Artificial Sequence  
209 <220> FEATURE:  
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217 <211> LENGTH: 20  
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219 <213> ORGANISM: Artificial Sequence  
221 <220> FEATURE:  
222 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
224 <400> SEQUENCE: 13  
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229 <211> LENGTH: 20  
230 <212> TYPE: DNA  
231 <213> ORGANISM: Artificial Sequence  
233 <220> FEATURE:  
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245 <220> FEATURE:  
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253 <211> LENGTH: 20  
254 <212> TYPE: DNA  
255 <213> ORGANISM: Artificial Sequence  
257 <220> FEATURE:  
258 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
260 <400> SEQUENCE: 16  
261 ctgtagagct gatggagctg 20  
264 <210> SEQ ID NO: 17  
265 <211> LENGTH: 20

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/773,678

DATE: 10/08/2004

TIME: 15:43:07

Input Set : A:\PTO.KD.txt

Output Set: N:\CRF4\10082004\J773678.raw

266 <212> TYPE: DNA  
267 <213> ORGANISM: Artificial Sequence  
269 <220> FEATURE:  
270 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
272 <400> SEQUENCE: 17  
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276 <210> SEQ ID NO: 18  
277 <211> LENGTH: 20  
278 <212> TYPE: DNA  
279 <213> ORGANISM: Artificial Sequence  
281 <220> FEATURE:  
282 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
284 <400> SEQUENCE: 18  
285 ccaggagat tatgaaacac 20  
288 <210> SEQ ID NO: 19  
289 <211> LENGTH: 20  
290 <212> TYPE: DNA  
291 <213> ORGANISM: Artificial Sequence  
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294 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
296 <400> SEQUENCE: 19  
297 acattcgact cttgcaggaa 20  
300 <210> SEQ ID NO: 20  
301 <211> LENGTH: 20  
302 <212> TYPE: DNA  
303 <213> ORGANISM: Artificial Sequence  
305 <220> FEATURE:  
306 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
308 <400> SEQUENCE: 20  
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312 <210> SEQ ID NO: 21  
313 <211> LENGTH: 20  
314 <212> TYPE: DNA  
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317 <220> FEATURE:  
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324 <210> SEQ ID NO: 22  
325 <211> LENGTH: 20  
326 <212> TYPE: DNA  
327 <213> ORGANISM: Artificial Sequence  
329 <220> FEATURE:  
330 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
332 <400> SEQUENCE: 22  
333 tggctgcagt ctgtagaagg 20  
336 <210> SEQ ID NO: 23  
337 <211> LENGTH: 20  
338 <212> TYPE: DNA

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/773,678

DATE: 10/08/2004

TIME: 15:43:08

Input Set : A:\PTO.KD.txt

Output Set: N:\CRF4\10082004\J773678.raw

:10 M:270 C: Current Application Number differs, Replaced Application Number  
:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
:6114 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:382



IFWO

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/773,678

DATE: 10/08/2004

TIME: 15:42:19

Input Set : A:\ISPH-828.SEQ.txt

Output Set: N:\CRF4\10082004\J773678.raw

3 <110> APPLICANT: Karras, James G  
5 <120> TITLE OF INVENTION: Antisense Oligonucleotide Modulation of STAT3  
6 Expression  
8 <130> FILE REFERENCE: ISPH-0828  
--> 10 <140> CURRENT APPLICATION NUMBER: US/10/773,678  
--> 11 <141> CURRENT FILING DATE: 2004-02-06  
13 <150> PRIOR APPLICATION NUMBER: 10/713,139  
14 <151> PRIOR FILING DATE: 2003-11-14  
16 <150> PRIOR APPLICATION NUMBER: 09/758,881  
17 <151> PRIOR FILING DATE: 2001-01-11  
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20 <151> PRIOR FILING DATE: 2000-04-06  
22 <150> PRIOR APPLICATION NUMBER: 09/288,461  
23 <151> PRIOR FILING DATE: 1999-04-08  
25 <160> NUMBER OF SEQ ID NOS: 402  
27 <170> SOFTWARE: PatentIn Ver. 2.1

Does Not Comply  
Corrected Diskette Needed

## ERRORED SEQUENCES

6334 <210> SEQ ID NO: 402  
6335 <211> LENGTH: 20  
6336 <212> TYPE: DNA  
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6339 <220> FEATURE:  
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6342 <400> SEQUENCE: 402  
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--> 6344 1  
--> 6347 116

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**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/773,678

DATE: 10/08/2004

TIME: 15:42:20

Input Set : A:\ISPH-828.SEQ.txt

Output Set: N:\CRF4\10082004\J773678.raw

L:10 M:270 C: Current Application Number differs, Replaced Application Number  
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:6114 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:382  
L:6344 M:254 E: No. of Bases conflict, this line has no nucleotides.  
M:254 Repeated in SeqNo=402